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result set*DB=USPT,DWPI; PLUR=YES; OP=OR*L5 L4 and LOX.ab.

1

L5L4 LOX and sunflower and transformed

30

L4L3 L2 and LOX.ab.

2

L3L2 LOX and sunflower

41

L2*DB=USPT; PLUR=YES; OP=OR*L1 LOX and sunflower

39

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NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	18	Apr 22	Federal Research in Progress (FEDRIP) now available
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NEWS	20	Jun 10	MEDLINE Reload
NEWS	21	Jun 10	PCTFULL has been reloaded
NEWS	22	Jul 02	FOREGE no longer contains STANDARDS file segment
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FILE 'AGRICOLA' ENTERED AT 10:18:41 ON 10 JUL 2002

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=> s LOX and sunflower

L1 8 LOX AND SUNFLOWER

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=> duplicate remove

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PROCESSING COMPLETED FOR L1

L2 6 DUPLICATE REMOVE L1 (2 DUPLICATES REMOVED)

=> d 12 1-6

L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

AN 2002:72247 CAPLUS

DN 136:113862

TI The inducible promoter of the lipoxygenase gene of tobacco and its use in regulated expression of foreign genes in transgenic plants

IN Verdager, Bertrand; Fournier, Joeelle; Esquerre-Tugaye, Marie-Therese; Beffa, Roland; Grosjean-Cournoyer, Marie-Claire

PA Rhobio, Fr.

SO PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002006443	A2	20020124	WO 2001-FR2216	20010710
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	FR 2811680	A1	20020118	FR 2000-9250	20000713
PRAI	FR 2000-9250	A	20000713		

L2 ANSWER 2 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
 AN 2002:271558 BIOSIS
 DN PREV200200271558
 TI Changes in activities of antioxidant enzymes and lipoxygenase during growth of ***sunflower*** seedlings from seeds of different vigour.
 AU Bailly, Christophe (1); Bogatek-Leszczynska, Renata; Come, Daniel; Corbineau, Francoise
 CS (1) Physiologie Vegetale Appliquee, Universite Pierre et Marie Curie, 4 place Jussieu, tour 53, 1er etage, 75252, Paris Cedex 05: baily@ccr.jussieu.fr France
 SO Seed Science Research, (March, 2002) Vol. 12, No. 1, pp. 47-55. <http://www.cabi-publishing.org/JOURNALS/SSR/Index.asp>. print. ISSN: 0960-2585.
 DT Article
 LA English

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:380626 CAPLUS
 DN 135:3146
 TI ***Sunflower*** genes rhoGAP, ***LOX*** , ADH, and SCIP-1 and their use in improving plant disease resistance
 IN Bidney, Dennis L.; Duvick, Jonathan P.; Hendrick, Carol; Hu, Xu; Lu, Guihua; Crasta, Oswald R.
 PA Pioneer Hi-Bred International, Inc., USA; Curagen Corporation
 SO PCT Int. Appl., 104 pp. CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001036464	A2	20010525	WO 2000-US31187	20001113
	WO 2001036464	A3	20020418		
	W:	AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,			

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-166128P P 19991118
US 2000-201837P P 20000503

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS
AN 2000:742235 CAPLUS
DN 133:291952
TI Modification of lipid biosynthesis by DNA shuffling
IN Yuan, Ling; Raillard, Sun Ai; Lassner, Michael
PA Maxygen, Inc., USA
SO PCT Int. Appl., 90 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061740	A1	20001019	WO 2000-US9285	20000406
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1999-128707P P 19990410
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
AN 2000:406895 BIOSIS
DN PREV200000406895
TI Relationship between polyamines and paraquat toxicity in ***sunflower*** leaf discs.
AU Benavides, Maria P. (1); Gallego, Susana M.; Comba, Maria E.; Tomaro, Maria L.
CS (1) Facultad de Farmacia y Bioquimica, Universidad de Buenos Aires, Junin 956, 1113, Buenos Aires Argentina
SO Plant Growth Regulation, (July, 2000) Vol. 31, No. 3, pp. 215-224. print. ISSN: 0167-6903.
DT Article
LA English
SL English

L2 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS
AN 1999:263356 CAPLUS
DN 130:309227
TI Influence of different stress factors on the emission of volatile organic compounds from plants
AU Heiden, Arnd C.; Kobel, Klaus; Wildt, Jurgen
CS Inst. Chem. Dynamik Geosphere 2 Chem. Belasteten Atmosphere, Forschungsinst. Julich G.m.b.H., Julich, D-52425, Germany
SO Berichte des Forschungszentrums Juelich (1999), Juel-3622, 1-278 pp.
CODEN: FJBEE5; ISSN: 0366-0885

DT Report

LA German

RE.CNT 301 THERE ARE 301 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

AB The stress and pathogen-inducible promoter of the lipoxygenase gene
LOX of tobacco is cloned and characterized for use in the
expression of foreign genes in transgenic plants. The invention also
concerns an expression cassette comprising said regulating promoter
sequence. The invention further concerns plant cells or plants
transformed with said inventive polynucleotide or expression cassette.
The gene was cloned by probing a genomic library with a cDNA for the
enzyme. The promoter was free of significant homol. to other plant
promoters beyond the presence of a TATA box. The gene is inducible by Me
jasmonate, but no similarities to other Me jasmonate-inducible promoters
were found. An elicitor response element (ERE) was found. The ability of
the promoter to drive expression of a .beta.-glucuronidase reporter gene
is demonstrated. The gene could be induced by elicitor prepns. from
Phytophthora parasitica nicotianae or by direct inoculation with P. p.
nicotianae.

L2 ANSWER 2 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1

AB The aim of this study was to investigate whether there was a relationship
between growth of ***sunflower*** seedlings at 15degreeC in the dark
and activities of enzymes involved in scavenging of reactive oxygen
species (ROS), especially superoxide dismutase (SOD), catalase (CAT) and
glutathione reductase (GR), or in production of free radicals, namely
lipoxygenase (***LOX***). Untreated control seeds were compared with
seeds exposed to accelerated ageing (5 d at 45degreeC and 100% relative
humidity), osmopriming (7 d at 15degreeC with a polyethylene glycol (PEG)
solution at -2 MPa) and accelerated ageing followed by priming.
Accelerated ageing decreased seed germinability and slowed down hypocotyl
growth, whereas priming resulted in an increase in germination rate and
enhanced seedling development. Osmopriming of aged seeds almost completely
restored the initial rate of germination and seedling growth. The activity
of all the enzymes studied increased during seed germination and seedling
development, except that of SOD. Seed imbibition or radicle protrusion

were related mainly with an increase in CAT activity and, to a lesser extent, in GR activity. Increase of ***LOX*** activity was clearly associated with the onset of hypocotyl elongation. However, in all cases, malondialdehyde measurements did not reveal intense lipid peroxidation. Priming induced a marked stimulation of CAT and GR during seed imbibition or very early during seedling development, as compared to the control seedlings and particularly to the seedlings generated by aged seeds. Hydrogen peroxide (H₂O₂) contents of seeds and seedlings were closely correlated to the activities of CAT and GR and to the kinetics of seedling development. The results obtained establish a clear relationship between ***sunflower*** seed vigour and ROS scavenging.

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS

AB Methods and compns. for modulating development and defense response are provided. Nucleotide sequences encoding a ***sunflower*** rhoGAP, ***LOX***, ADH, and SCIP-1 protein are provided. Nucleotide sequences comprising the ***LOX*** and SCIP-1 promoters are also provided. The sequences can be used in expression cassettes for modulating development, developmental pathways, and the plant defense response. Transformed plants, plant cells, tissues, and seed are also provided. The genes were identified by their induction in hyperresistant plants expressing an oxalate oxidase gene when infected with *Sclerotinia sclerotiorum*. Possible functions were assigned using protein sequence homol. as a criterion.

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS

AB Methods of modulating lipid prodn. in cells and whole organisms by DNA shuffling are provided. Single genes, operons, lipid biosynthetic cycles and whole genomes can be recombined to produce cells and organisms with desirable lipid synthetic or metabolic activity. Libraries of recombined lipid synthetic nucleic acids and organisms are also provided. Modification of lipid satn., fatty acid compn., fatty alc. compn., wax compn., acyl chain length, location of fatty acid accumulation, triglyceride yield, substrate specificity, expression level, are described. A decrease in susceptibility to protease cleavage, high or low pH levels, extreme temps., are also claimed. A decrease in toxicity, and modification of methyltransferase activity resulting in formation of branched chain, cyclopropyl, methoxy, or keto fatty acids, are also described. Use of two-hybrid system in detecting the changes in lipid biosynthetic activity is also claimed. Screening of libraries, such as phage display library is described. Crop plants such as corn, peanut, barley, millet, rice, soybean, sorghum, wheat, oats, ***sunflower***, or nut whose lipid biosynthetic activity modified, are claimed. DNA shuffling is a powerful process for directed evolution, which generates diversity by recombination, combining useful mutations from individual genes.

L2 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2

AB Polyamines have been reported as efficient antioxidant compounds in plants. ***Sunflower*** leaf discs, treated with 100 µM paraquat (PQ), a well known oxidative stress inducer, showed decreased levels of putrescine (Put), spermidine (Spd) and spermine (Spm) (between 33% and 80% with respect to the controls). Arginine decarboxylase (ADC) and ornithine decarboxylase (ODC) activities decreased 42% and 33% respectively. Among the markers of oxidative stress measured after PQ treatment, chlorophyll and glutathione content were reduced (30% and 49% respectively) and thiobarbituric acid reactive substances (TBARS) content increased (60%).

Superoxide dismutase (SOD) activity declined 60% with respect to the control and lipoxygenase (***LOX***) increased 25% when leaf-discs were treated with the herbicide. Pretreatment with exogenous polyamines (1 mM) reversed paraquat toxicity to different degrees according to the polyamine and/or the tested parameter. Spermidine was able to inhibit chlorophyll loss, while Spm reverted the effect of PQ on the level of TBARS almost completely and also restored SOD activity close to control values. Putrescine was the least effective as an oxidant protectant. These results provide support for the argument that polyamines are effective antioxidants through their ability to act as radical scavengers.

L2 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS

AB Emissions of volatile org. compds. (VOCs) from several biosynthetic pathways were investigated. Beside the well-known emissions of terpenes, that are synthesized from dimethylallyl pyrophosphate (DMAPP), emissions following lipoxygenase (***LOX***) activity, or from the shikimate pathway were found. Furthermore, it was shown that several VOCs like toluene and C6- to C10-aldehydes, where no biosynthetical pathway is known, are emitted by plants. For monoterpene abs. emission rates vary for different vegetative stages. Despite these differences in abs. emission rates the dependencies of the emission rates on temp. and light intensity can be described independent of the vegetative state with the same set of parameters using the algorithm of Schuh et al. (1997). Just the std. emission rates are dependent on the vegetative state. Emissions of monoterpenes from rape are limited by the availability of DMAPP. This limitation is independent on the vegetative state and therefore, a description of emissions with the same set of parameters is possible. Exposure of rape plants with high amts. of ozone (130-170 ppb O₃) leads to reduced emissions of monoterpenes that can be explained by a reduced DMAPP availability. The underlying model idea of the algorithm of Schuh et al. (1997) that monoterpenes are emitted from 2 independent mechanisms was confirmed by isotopic measurements. The model idea was extended to isoprene. Mech. wounding results in increased emissions of monoterpenes from ***sunflower*** and tomato. As a result of nitrate deficiency monoterpene emissions are increased for rape and ***sunflower***. For ***sunflower*** an exponential increase of emission rates on a time scale of 100 to several 100 h was found. Emissions of sesquiterpenes that are synthesized by the same biochem. pathway as isoprene and monoterpenes cannot be described by the algorithm of Schuh et al. (1997). These compds. are effective phytoalexins. They are actively produced by the plants after action of stress factors (stressors) on the plants. Therefore, the sesquiterpene emissions show a time dependency that cannot be described by the algorithm of Schuh et al. (1997). Emissions of compds. resulting from ***LOX*** activity were quantified for the 1st time. Beside the well-known emissions of C6-alcs. and -aldehydes several other compds. are emitted during ***LOX*** activity. The emissions resulting from ***LOX*** activity are qual. very similar for tobacco, corn, ***sunflower***, broad beans, and pine. Probably the same emissions occur generally from higher plants. Differences in the compn. of emissions from different plant species can be explained through different activities of alc. dehydrogenases (ADH) in different species. The compn. of emissions resulting from ***LOX*** activity in tobacco is similar for different stress factors like ozone fumigation and pathogen attack. This gives further evidence to the hypothesis that the exposure with ozone resembles pathogen attack in triggering the hypersensitive response (e.g. Sandermann et al., 1998). The amt. of VOCs that are emitted as a result of ***LOX*** activity can be comparable to the VOC

amt. emitted under stress free conditions over the whole vegetative period. The dynamics of ***LOX*** activity were examd. by measurements of the delay time of emissions of several compds. Compared to the uptake of atm. peroxides the amt. of peroxides that are produced inside the plants resulting from ***LOX*** activity is by far higher. Emissions of arom. compds. by plants that are considered unlikely up to now, were identified. Regarding the amts., Me salicylate (MeSA) is the most important emitted arom. compd. Under stress conditions emissions of MeSA can be as high as those of monoterpenes. Besides MeSA emissions, emissions of other arom. compds. from the shikimate pathway were found. Some of these compds. may be regarded as precursors of MeSA. Emissions of compds. produced by the shikimate pathway are always found after a hypersensitive response occurred, but a hypersensitive response is not a necessary requirement for emissions of those compds. Steady state emissions of MeSA can appear, if stress factors act on plants on longer time scales. In these cases the light intensity dependence of the MeSA emissions can be described by the algorithm of Schuh et al. (1997). Compds. like toluene and C6- to C10-alkanales are emitted by plants. The biosynthetical pathway for these compds. is not known. Emission rates of toluene from ***sunflower*** are highly correlated with .alpha.-pinene emissions. They are dependent on light intensity, temp., nitrate availability, and wounding. The arom. ring of toluene is synthesized within few hours from the CO2 fixed in photosynthesis. For ***sunflower*** direct or indirect toluene pools have to be postulated. Under stress conditions emission rates of C6- to C10-alkanales from agricultural plant species may be as high as those of monoterpenes. An algorithm for the description of emissions of C6- to C10-alkanales as a function of the ozone flux into the plants and the temp. was developed. VOC emissions from agricultural plant species are much lower than those from pines. Esp. the VOC emissions from wheat plants are that low that areas cultivated with wheat can be neglected in biogenic VOC emission inventories as long as no stress factors are applied to the plants.

=> d 12 1

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L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS
 AN 2002:72247 CAPLUS
 DN 136:113862
 TI The inducible promoter of the lipoxygenase gene of tobacco and its use in regulated expression of foreign genes in transgenic plants
 IN Verdaguer, Bertrand; Fournier, Joeelle; Esquerre-Tugaye, Marie-Therese; Beffa, Roland; Grosjean-Cournoyer, Marie-Claire
 PA Rhobio, Fr.
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002006443	A2	20020124	WO 2001-FR2216	20010710
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
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 FR 2811680 A1 20020118 FR 2000-9250 20000713
 PRAI FR 2000-9250 A 20000713

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L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

AB The stress and pathogen-inducible promoter of the lipoxygenase gene
 LOX of tobacco is cloned and characterized for use in the
 expression of foreign genes in transgenic plants. The invention also
 concerns an expression cassette comprising said regulating promoter
 sequence. The invention further concerns plant cells or plants
 transformed with said inventive polynucleotide or expression cassette.
 The gene was cloned by probing a genomic library with a cDNA for the
 enzyme. The promoter was free of significant homol. to other plant
 promoters beyond the presence of a TATA box. The gene is inducible by Me
 jasmonate, but no similarities to other Me jasmonate-inducible promoters
 were found. An elicitor response element (ERE) was found. The ability of
 the promoter to drive expression of a .beta.-glucuronidase reporter gene
 is demonstrated. The gene could be induced by elicitor preps. from
 Phytophthora parasitica nicotianae or by direct inoculation with P. p.
 nicotianae.

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L3 0 PTA(W) 559

=> s pta-559
L4 0 PTA-559

=> s pta-1721
L5 0 PTA-1721

=> lox(w)promoter
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"HELP COMMANDS" at an arrow prompt (=>).

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L6 7 LOX(W) PROMOTER

=> duplicate remove
ENTER L# LIST OR (END):16
DUPLICATE PREFERENCE IS 'BIOSIS, EMBASE, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L6
L7 4 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)

=> d 17 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
AN 2002:72247 CAPLUS
DN 136:113862
TI The inducible promoter of the lipoxygenase gene of tobacco and its use in
regulated expression of foreign genes in transgenic plants
IN Verdaguer, Bertrand; Fournier, Joeelle; Esquerre-Tugaye, Marie-Therese;
Beffa, Roland; Grosjean-Cournoyer, Marie-Claire
PA Rhobio, Fr.
SO PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002006443	A2	20020124	WO 2001-FR2216	20010710
	W:				
					AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
					CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
					GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
					LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
					RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
					UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
	RW:				GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
					DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
					BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
	FR 2811680	A1	20020118	FR 2000-9250	20000713
PRAI	FR 2000-9250	A	20000713		

L7 ANSWER 2 OF 4 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

AN 2001197729 EMBASE
 TI 5-Lipoxygenase (5- ***LOX***) ***promoter*** polymorphism in
 patients with early-onset and late-onset Alzheimer's disease [4].
 AU Qu T.; Manev R.; Manev H.
 CS Dr. T. Qu, Psychiatric Institute, Department of Psychiatry, University of
 Illinois at Chicago, Chicago, IL, United States
 SO Journal of Neuropsychiatry and Clinical Neurosciences, (2001) 13/2
 (304-305).
 Refs: 5
 ISSN: 0895-0172 CODEN: JNCNE7
 CY United States
 DT Journal; Letter
 FS 008 Neurology and Neurosurgery
 022 Human Genetics
 032 Psychiatry
 037 Drug Literature Index
 LA English

L7 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
 AN 2000:113396 BIOSIS
 DN PREV200000113396
 TI Comparative functional study of the lysyl oxidase promoter in fibroblasts,
 ras-transformed fibroblasts, myofibroblasts and smooth muscle cells.
 AU Reynaud, Caroline; Gleyzal, Claudine; Jourdan-Le Saux, Claude; Sommer,
 Pascal (1)
 CS (1) Institut de Biologie et Chimie des Proteines, Centre National de la
 Recherche Scientifique, 7 Passage du Vercors, 69367, Lyon Cedex 07 France
 SO Cellular and Molecular Biology (Noisy-Le-Grand), (Dec., 1999) Vol. 45, No.
 8, pp. 1237-1247.
 DT Article
 LA English
 SL English

L7 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
 AN 1995:532980 BIOSIS
 DN PREV199598547280
 TI Tissue-specific regulation of the rabbit 15-lipoxygenase gene in erythroid
 cells by a transcriptional silencer.
 AU O'Prey, Jim; Harrison, Paul R. (1)
 CS (1) Beatson Inst. Cancer Research, Cancer Research Campaign Lab., Gartcube
 Estate, Switchback Road, Bearsden, Glasgow G61 1BD UK
 SO Nucleic Acids Research, (1995) Vol. 23, No. 18, pp. 3664-3672.
 ISSN: 0305-1048.
 DT Article
 LA English

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

22.11

53.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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-3.10

STN INTERNATIONAL LOGOFF AT 10:49:19 ON 10 JUL 2002